

ILLEGIB

Approved For Release 2001/03/03 : CIA-RDP78T05439A000300020030-7

Approved For Release 2001/03/03 : CIA-RDP78T05439A000300020030-7

~~TOP SECRET RUFF~~

TCS No. 4769/63-KH  
PID/IB - 315/63  
20 November 1963  
Copy 1 of 8

MEMORANDUM FOR: Chief, Manufacturing and Services Division, ORR

25X1A. ATTENTION : [REDACTED] MS/D

THROUGH : Chief, Requirements Branch, Reconnaissance Group, CGS

FROM : Chief, CIA/PID (NPIC)

25X1D

SUBJECT : Nien-tzu-shan Arsenal, Factory #123, China

REFERENCES : (1) ORR Requirement No. C-RR3-80,522  
(2) CIA/PID Project No. C 1604/63

1. This memorandum is in response to the referenced requirement which asks for analysis of the Nien-tzu-shan Arsenal, Factory #123 (approx. 47 31N - 122 54E), including the current level of activity and expansion since [REDACTED]

2. For the purpose of this memorandum, the arsenal has been divided into three functional areas: (a) Arms and metal parts manufacturing, (b) Ammunition loading and storage, and (c) Ballistic testing and experimentation. A detailed description of these areas follows.

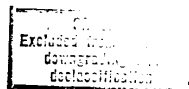
Area A, Arms and metal parts manufacturing (see enclosure CIA/PID/IB-P-700/63) has a total roof cover of 1,298,365 square feet. This area is the largest part of the arsenal and can be subdivided into three major sections: an administration section having 115,315 square feet of roof cover; a fabrication, forge and foundry section having 987,095 square feet of roof cover, and a storage, shipping and receiving section having 195,955 square feet of roof cover.

Area B, Ammunition loading and storage (see enclosure CIA/PID/IB-P-700/63), with a total of 369,110 square feet of roof cover can be subdivided into three major sections: bulk explosives (powder, propellants, etc.) storage section with 74,800 square feet of roof cover; shell loading section with 192,345 square feet of roof cover; and finished product storage and shipping section with the remaining 101,965 square feet of roof cover.

Area C, Ballistic testing and experimentation area (see enclosure CIA/PID/IB-P-701/63) is located approximately 4 nautical miles south southeast of Areas A and B and is linked to them by a good road. This area with its various types of firing ranges and related facilities appears to be utilized for testing of ballistic weapons and ammunition

5-10140

~~TOP SECRET RUFF~~



**TOP SECRET RUFF**

Page 2

SUBJECT: Nien-tzu-shan Arsenal, Factory #123, China

as well as explosive charges and propellants.

Areas A and B are served by rail and road. These areas appear to have the capabilities to produce a wide variety of arms and ammunition. These areas are active as crated materials are stacked on the loading docks at both areas. Current production is undoubtedly at a low level as only two of the eighteen stacks are emitting smoke.

Area C appears to be active as vehicles were observed on internal service roads.

25X1D Other than the unidentified area believed to be under construction in  
25X1D Area C, there was no noticable change in this arsenal since Keyhole Mission  
25X1D this arsenal was based on the analysis of [REDACTED]. The description of  
[REDACTED]

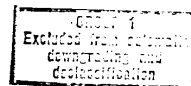
3. The photo analyst assigned to this project was [REDACTED] 25X1A  
who can be contacted on extension 2547, should you have further questions  
concerning this project. This memorandum and enclosures completes this  
requirement.

25X1A  
[REDACTED]

Enclosures:

2 Annotated Photo Enlargements  
(CIA/PID/IB-P-700/63 and P-701/63)

**TOP SECRET RUFF**





SECRET NOFORN

AREA B

SECRET NOFORN

25X1D

CHIEN-TSU-SHAN ARSENAL

- KEY TO NOTATIONS
- AREA "A"
- 1. Administration area
  - 2. Power sub-station
  - 3. Machine shop, fabrication and assembly area
  - 4. Shipping area and warehouse
  - 5. Forge and foundry area
- AREA "B"
- 1. Final assembly and packing
  - 2. Shipping area and warehouse
  - 3. Loading area
  - 4. Finished ammunition storage
  - 5. Bulk explosive storage

7/21/78-  
700/63

SECRET NOFORN

SECRET

SECRET NOFORN

